### **BUREAU OF PUBLIC WATER SUPPLY**

# CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

0420001
List PWS ID #s for all Water Systems Covered by this CCR

GREENWOOD UTILITIES
Public Water Supply Name

confide	deral Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumer ence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR e mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
Please.	Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	<ul> <li>□ Advertisement in local paper</li> <li>□ On water bills</li> <li>□ Other □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□</li></ul>
	Date customers were informed://
X	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed: 6 / 12/ 12 through 7-5-12
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper:
	Date Published://
X	CCR was posted in public places. (Attach list of locations)
	Date Posted: 6/12-12 Lobby of Office 101 Wright Place
	CCR was posted on a publicly accessible internet site at the address: www
CERT	IFICATION .
I hereby the forr consiste Departr	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is ent with the water quality monitoring data provided to the public water system officials by the Mississippi State ment of Health, Bureau of Public Water Supply.
S- Name/	Title (President, Mayor, Owner, etc.)  6-12-12  Date
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

Correct.nh

# 2012 SEP -7 PM 2: 12 Greenwood Utilities

these levels

With pleased to pasent to you this year's Annual Water Quality Report. This aport is designed to inform you about the quality water and services we

deliver to you every day, Our constant

ANNUAL DEINKING WATER QUALITY REPORT PWS ID #0420001 June 2012

2011. As water mavels over the kind or carierground, it can pick up salistances or contain mants such is microbes. inorganic and organic chemicals, and radinación substances. We frue

god is to provide you with a safe and dependable supply of drinking water we want you to understood the efforts we make to combinally improve the water treatment process and protect our water resources. We are commuted to ensuring the quality of your water, but water source is from some, wells pamping from the Meedian Upper Wilcox aquifer.

The source water resessment has been completed for our nublic water system to determine the overall susceptibility of its dranking scatter stooply to ideatily potential sources of contimination. The general susceptibility rankings assigned to each well of this system are movided in Flyure 1 immediately below A report containing detailed toformation on how the susceptibility determinations, were made has been furnished to our public water system and is evaluable for viewing upon recoust

Figure 1

420001-05 modurate susceptibility to concamination 59 11-27 420001-06 moderate susceptibility to tentamentation Well #3 426001-07 moderate susceptibility to contratunation Well #4 420001-10 moderate susceptibility to contamination W.41 85 420001-11 moderate susceptibility to concamination क्षेत्र विश्व 420001-12 moderate susceptibility to contestaination West 27 #25601-13 moderate suscentibility to contamination Wet 38

If you have any questions about this report or concenting your wider willts, please contact Jamie Stowers in 662-454 7254. We want our rasted customers to be informed about their water utility. If you want to learn there, please attend any of our regularly scheduled meetings. They are held in the third Thorsday of each month at 10:30 AM at 16.) Wright Place, Greenwood

Grecowood Coities continely morntous for contamagents in your drinking water according to Federal and State laws. Figure 2 shows the resits at our ponitoring for the period of formaty is to become r file. All sureries of demistric water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be negatives in organic or organic chemicals and radioactive substances. At drinkers, water including bouled water, may castonably be expected to contain at less small amounts of some contaminants. The presence of community store an eccessarily indicate that the water posts a health ask More information about contaminants and potential health effects can be obtained by eading the Environmental Protection Agency's Sale Drinking Water Helling at 1 559-425-4791.

learned through our monitoring and testing that some continuinants have

been detected, however, the EPA has determined that your water IS SAPC at

Some people may be cook volucrable to contaminants in drinking water than the general population, immanis-compromised persons such as reisons with causer undergoing chemotherapy, persons who mave undergone origin transplants, people with HEV/AIDS or other infimure system disorders, some elderly, and rolants can be particularly at risk from infections. These people should seek abuse about drinking water from their health can providers EPA/CDC guidennes on appropriate regars to lessen the ask of infection by cryptospocidium and other microbiological contaminants are avadeble from the Sale Drinking Water Hotline at 800-426-4791.

Greenwood Unities works around the clock to provide top dustity water to every tap. We ask that all our customers help us protect our water sources, which are the lugger of our community, our way of life and our checken's future.

## Regulation Governing Fluoridation of Community Water Supplies

To comply with the "Regulation Governing Finorication of Community Water Supplies," the City of Greenwood is required to report certain results pentaturing to fluoridation of our water system. The manuscref months in the previous calendar year true average fluoride supple results were within the optimal range of 0.7-1-3 ppm. was 0. The percentage of thrortic samples corrected in the previous calendar year that was within the optimal range of 0.7%, a pair was 0%.

### Monitoring and Reporting of Compliance Data Violations

We continely monitor for the presence of chinking water contaminants. We test 20 samples for Cellibran bacteria durang January 2012, Two (2) of dissessamples showe-The pressure of Coliforni busteria. The standard is that no more than one (1) sample per month may do so. Three (5) in samples were town for caun soldons pearwe tang basi edipote Hi, ling negar bery saggiss dow (d) 2,8, saggiss

### A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING

In accordance with the Bedemicalides it tile, it community public water supplies were consist to sample quarterly for calicancides segment family 4007-becoming 2007. Your public water surpey completed starteding by for self-clied deadanc, however, during an audit of the Mississippi State Department of Health Redoringual Expending the Environmental Protection Agency (EPA) suspensed natures and reporting of nationagical completion manufes and results outer further natice. Although this was not the result or function by the public water supply. MSDN was required to living a violation. The state of Public Water Supply is taking action to tooks this 15818. Is quickly as possible. If you have any questions, please contact Melissa Parker, Depart Director, Bureau of Public Water Supply, at 501-576-75.8.

#### Additional Information for Lead:

## 2012 SEP -7 PH 2: 12

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#### WATER QUALITY DATA TABLE

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For more information please contact:

Greenwood Utilities
YOUR PUBLIC UTILITY COMPANY

2012 JUN 18 AM 9: 53

# **Greenwood Utilities**

ANNUAL DRINKING WATER QUALITY

REPORT PWS ID #0420001 June 2012 2011. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. We have

goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from seven wells pumping from the Meridian Upper Wilcox Aquifer.

We're pleased to present to you this

year's Annual Water Quality Report.

This report is designed to inform you

about the quality water and services we

deliver to you every day. Our constant

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided in Figure 1 immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request.

#### Figure 1

Well #2	420001-05 moderate susceptibility to contamination
Well #3	420001-06 moderate susceptibility to contamination
Well #4	420001-07 moderate susceptibility to contamination
Well #5	420001-10 moderate susceptibility to contamination
Well #6	420001-11 mederate susceptibility to contamination
Well#7	420001-12 moderate susceptibility to contamination
Well #8	420001-13 moderate susceptibility to contamination

If you have any questions about this report or concerning your water utility, please contact Jamie Stowers at 662-653-7234. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Thursday of each month at 10:30 AM at 101 Wright Place, Greenwood.

Greenwood Utilities routinely monitors for contaminants in your drinking water according to Federal and State laws. Figure 2 shows the results of our monitoring for the period of January 1st to December 31st.

learned through our monitoring and testing that some contaminants have been detected; however, the EPA has determined that your water IS SAFE at these levels.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care, providers, EPA/CDG guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 800-426-4791.

Greenward Utilities works around the clock to provide top quality water to every tap. We ask that all our customers belp us protect our water sources, which are the heart of our community, our way of life and our children's future

#### Regulation Governing Fluoridation of Community Water Supplies

To comply with the "Regulation Governing Fluoridation of Community Water Supplies." the City of Greenwood is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 0. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 0.

#### Monitoring and Reporting of Compliance Data Violations

We routinely monitor for the presence of drinking water contaminants. We took 20 samples for Coliform bacteria during January 2012. Two (2) of those samples showed the presence of Coliform bacteria. The standard is that no more than one (1) sample per month may do so. Three (3) re-samples were taken for each coliform positive sample, six (6) well samples were taken and all samples were good.

#### A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007-December 2007. Your public water supply completed sampling by the schedule deadline; however, during an audit of the Mississippi State Department of Health Radiological Laboratory; the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

#### **Additional Information for Lead:**

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Greenwood Utilities is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

#### WATER QUALITY DATA TABLE

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be externely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL.TT OF MRDL	Your Water	Rai Low	nge High	Sample <u>Date</u>	Violation	Typical Source
Disinfectants & Disinfe (There is convincing evidence	ectant By-Proc ce that addition o	<b>lucts</b> f a disinfectant is r	ecessary for co	ontrol of mi	icrobial cor	ntaminants)		
Chlorine (as Cl2) (ppm)	4	4	0.21	0.14	0.21	2011	УО.	Water additive used to control microbes
Haloacetic Acids (HAA5)ppb)	NA.	60	7	NA		2011	NO	By-product of drinking water chlorination
TTHMs{Total Trihalomethane] (ppb)	NA	80	4.06	NA		2011	NO	By-product of drinking water disinfection
Inorganic Contaminan	ts		Section 12 Table					
Barium (ppm)	2	2	0.00352 6	0.003 526	0.0082 86	2010	NO	Discharge of drilling wastes; Discharge from metal refineries; Erosiion of natural deposits
Chromium (ppb)	100	100	9.876	1.153	9.876	2010	NO	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	0.171	0.113 0.213 2010		2010	NO	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge fron fertilizer and aluminum factories
Contaminants	MCLG	AL	Your Water		nple atc	# Samples Exceeding AL	Exceeds AL	Typical Source
Inorganic Contaminan	its							
Copper - action level at consumer taps (ppm)	1.3	1.3	0.1	20	010	0	NO	Corrosion of household plumbling systems; Erosion of natural deposits
Lead - action levels at consumer taps (ppb)	0	15	2	20	)10	0	NO	Corrosion of household plumbing systems; Erosion of natural deposits

Unit Descriptions	
TERM ppm ppb NA ND NR	DEFINITION  ppm: parts per million, or milligrams per liter (mg/L)  ppb: parts per billion, or mircograms per liter (mg/L)  NR: Not applicable  NR: Monitoring not required, but recommended

#### Important Drinking Water Definitions

 $\underline{\text{MCLG}}$ : Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is altowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

TI: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

 $\Delta L$  : Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

<u>Variances and Exemptions</u>: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

MRDLG: Maximum residual disinfection level goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial

MRDL: Maximum residual disinfectant level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MNR: Monitored Not Regulated

MPL: State Assigned Maximum Permissible Level



## 2012 SEP -7 PM 2: 12

471

Greenwood Utilities

101 Wright Place Greenwood, MS 38930 8:00 a.m. - 5:00 p.m. Monday - Friday Customer Service 662-453-7234 Pay by Phone 885-394-4652 After Hours 662-453-7234 www.greenwoodutilities.com

Account Number		Account	Name		Lo	cation		Service Address	Bill Date
2151301001	JOHN Q SAMPLE					6090056	07	502 MAIN	08/01/12
Service From To	No. Days	Bill Type Code	Hate	Meter Fi Previous		Mult	Usage	Meter Number	Charges
Electric - Residentia 06/20/12 07/26/12 Yard Lights	d 36	0	100	54725	56161	ī	1436	19584	\$130.90 \$6.85
Water - Residential 06/20/12 07/26/12	36	0	225	591	594	1	3	60767165	\$6.59
Sewer - Service 06/20/12   07/26/12		0	300				3		\$141.68
Garbage - Residentia 06/29/12   08/01/12	al	0	400						\$17.50

FINAL NOTICE				PAY THIS AMOUNT	\$176.62	
SERVICE ON UNPAID BIT PAID WITHIN			FF 15 NO1	DUE DATE 08/16/12 BILL'S DELINQUENT	AFTER DUE DATE	
NO OTHER N			gar an agus sang na ghag gara war aran ag ann an air ann an air a ann air bh	PAY AFTER DUE DATE	\$ 176.62	
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Billing Days 36 29 28		\$40.00 Reconnect Fee from 8:00 a.m 5:00 p.m. \$60.00 Reconnect Fee after 5:00 p.m., weekend and holidays				
Electric Uszge (KWH) 1436 555 1202						
Water Usage (GAL x 1000) 226 6 10			10	\$30.00 Return Check Fee		

View and pay your off online at www.groenwoodutilities.com.

PLEASE DETACHAND RETURN THIS PORTION WITH PAYMENT

MSőgössi

GREENWOOD UTILITIES PO BOX 866 GREENWOOD MS 38935-0866 Return Service Requested

Account Number	Due Date	Amount Due Now
2151301001	08/16/12	\$176,62
Phone Number	After Due Date Pay	Amount Paid
	\$176.62	

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JOHN Q SAMPLE 502 MAIN

GREENWOOD MS 38930

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### **SPEED MEMO**

FROM: MELANIE'S DESK @ WATER SUPPLY
PHONE: 601-576-7518

FAX: 601-576-7822

AUGUST 17, 2012

TO:	City of Greenwood #0420001
ATTN:	Dardono (or other ne: CCR)
RE:	CCR corrections
	CORRECTION TO CCR REQUIRED BY 10/01/2012
O ple	pase add TCR MCL Value into data table
O pe	ease add tealtheffeets language.
	DIRECTIONS

- 1.) Correct report & mail/fax a copy titled "CORRECTED CCR" to MSDH.
- 2.) Notify customers on their next water bill as follows: "CORRECTED CCR AVAILABLE UPON REQUEST" (mail/fax MSDH a copy of this also).
- 3.) Fax to the above fax number. Please call me if you have any questions. And thank you for your attention to this matter.